

NAB Internal Job Opportunity for Reassignment or Change to Lower Grade

TITLE: CIVIL (HYDRAULIC) ENGINEER

SUSPENSE

PP/SSSS/GG: **GS-0810-12**

Open: 29 JUL 2013

OFFICE: Washington Aqueduct Division,

Close: 12 AUG 2013

Planning & Engineering Branch

DUTY STATION: Washington, DC 22016

MAJOR DUTIES:

Performs hydraulic engineering functions in support and upkeep of a large and complex water utility including all phases of design (planning, study, testing, data collection and analysis, calculations, development of construction documents including drawings, specifications, schedules and cost estimates); construction support and supervision; operation, maintenance and troubleshooting for a system that involves collection, treatment and pumping of water. Conducts or reviews pertinent design studies and analysis to develop engineering criteria for construction, expansion or optimization of water treatment, pumping and conveyance systems. Investigates qualitative and quantitative aspects of engineering principles pertaining to the treatment, distribution and flow of water. Determines what approaches should be applied to obtain specific results. Determines and analyzes findings of research related to specific problems. Find solutions to engineering problems such as poor chemical mixing, use of alternate chemical/process or introduction of new processes for meeting specific water quality objectives. Evaluates data and extends or modifies existing criteria and techniques, develops new approaches to solve problems. Conducts physical inspections of infrastructure and plant processes to determine need for improvement and works out overall plans. Applies statistical and systems engineering techniques in the analysis of information for design and characterization of the water treatment processes. Reviews and analyzes projects in planning and design of future construction projects for water treatment plant facilities such as intake structures, transmission mains, treatment processes, valves, vaults, gate chambers, meters and associated appurtenances. Reviews the design and specifications prepared by Architect-Engineers, contractors, and others, as required and assures quality during construction.

CONDITIONS OF EMPLOYMENT / OTHER IMPORTANT INFO: Must be able to obtain and maintain a SECRET security clearance; must have valid driver's license; TDY 5%. **All positions at the Washington Aqueduct are civil works coded. Therefore, the selected employee will not be subject to sequestration or furlough conditions.**

AREA OF CONSIDERATION: Accepting applications from reassignment and change-to-lower grade eligible Baltimore District Employees. Those who could be placed through a Modification of Qualifications will also be considered (does not waive education/certification requirements).

HOW TO APPLY: Candidates interested in being considered for this position should submit the following information to David Bankard, Administrative Branch, Washington Aqueduct Division, 5900 MacArthur Blvd, NW, Washington, DC 20016; email david.bankard@usace.army.mil or fax to 202-764-0637. If you have questions about submitting your documents, David Bankard can be reached at 202-764-0030.

- 1) Resume of your experience
- 2) Copy of your most recent performance appraisal
- 3) Copy of most recent SF-50 Notification of Personnel Action
- 4) Copy of professional licenses as well as college transcripts

Questions about the position may be directed to Shabir Choudhary, Section Chief,
Engineering Branch, Washington Aqueduct Division at 202-764-2771 or
shabir.a.choudhary@usace.army.mil

Notice: PCS will be authorized on a case by case basis in accordance with the guidance set forth in the JTR. Pay and/or Grade Retention will be considered for eligible employees.